Remote Eyes® Setup Instructions

Congratulations on purchasing your new Remote Eyes® Digital Video Recorder.

This document will assist you in setting up your unit. Inside the shipping box you should find:

- Remote Eyes system unit
- Front panel security key
- Keyboard
- Power cord
- Mouse
- Handles and screws
- Rails and screws (for mounting in a rack)

After removing the system unit from the box, connect the keyboard and mouse using the color-coded connectors on the unit's back panel (see picture of back panel for your model, below). Connect the power cord to the unit and then to a 110V AC outlet.

You will need to provide at least a 17" computer monitor for use with this unit. Connect your monitor cable to the color-coded connector on the rear of the unit. **NOTE: 16 channel servers require a resolution of at least 1280x1024; monitor resolution of 1600x1200 is recommended for optimal viewing of a 16 camera display.**

The camera connectors are located on the back panel of the unit. Depending on your unit's configuration, you will have 4, 8, 12, or 16 camera connectors. You will notice a picture of the connections on the next page. You will also see a diagram detailing the camera order in which the images will appear on the screen.

The camera connectors support a BNC connection. Your camera cables will need to have a BNC adapter on the unit end. Install your cameras by twisting the BNC connectors clockwise onto the unit's camera connectors.

Note that if you do not plug in at least two cameras you will see a white screen. This is an Auto Gain Control that is adjusted by the chip on the Remote Eyes video capture card. You can correct this by either adding another camera or turning off the other cameras using the Remote Eyes camera Control Bar (see page 43 of the User Manual for how to turn off a camera using the Control Bar).

Once you have installed your cameras and have power to the unit, locate the front panel key inside the box. Using the key, open the front panel and press the toggle switch to turn on the system.

Odyssey Technologies, Inc.
7526 Connelley Dr., Suite A, Hanover, MD 21076
Phone: 301-291-6000 Fax: 301-291-6001

The system runs on a Microsoft Windows® 2000 Operating System, which will automatically initialize once the unit is turned on. After Windows 2000 has loaded, the Remote Eyes Server software will start up automatically.

You should now see your camera images on the Remote Eyes display. Remote Eyes is automatically recording on a continuous basis. To assist you in the proper use of Remote Eyes, you should familiarize yourself with the User Manual. The User Manual is provided in electronic (softcopy) format and is located under the "HELP" button on the top of the Remote Eyes Server screen.

To use Remote Eyes features, log in to the system by clicking on the Lock Icon in the upper right-hand corner of the screen (see page 5 in the User Manual). The default user ID for your system is "administrator." The default password for your system is "administrator." We recommend you change the default password using the Access Admin function described on page 8 of the User Manual. **IMPORTANT: If you ever forget your password setting, contact Odyssey Technical Support on (301) 291-6000 for assistance in resetting your unit's password.**

After you have logged on, verify that Remote Eyes is recording by pressing the "Show All" control bars button and confirming that the red "recording" indicator on each camera image is blinking. While the control bars are displayed, you can name each camera by typing into the 16-character camera name field as described on page 40 in the User Manual. When you are finished, make the control bars disappear by pressing the "Hide All" control bars button.

If your system is equipped with High Performance (HPO) cards, and you have not plugged in your cameras, you will not see the familiar blue screen with "No Video Signal". You will only see a black screen; however once you plug your camera in the picture will appear.

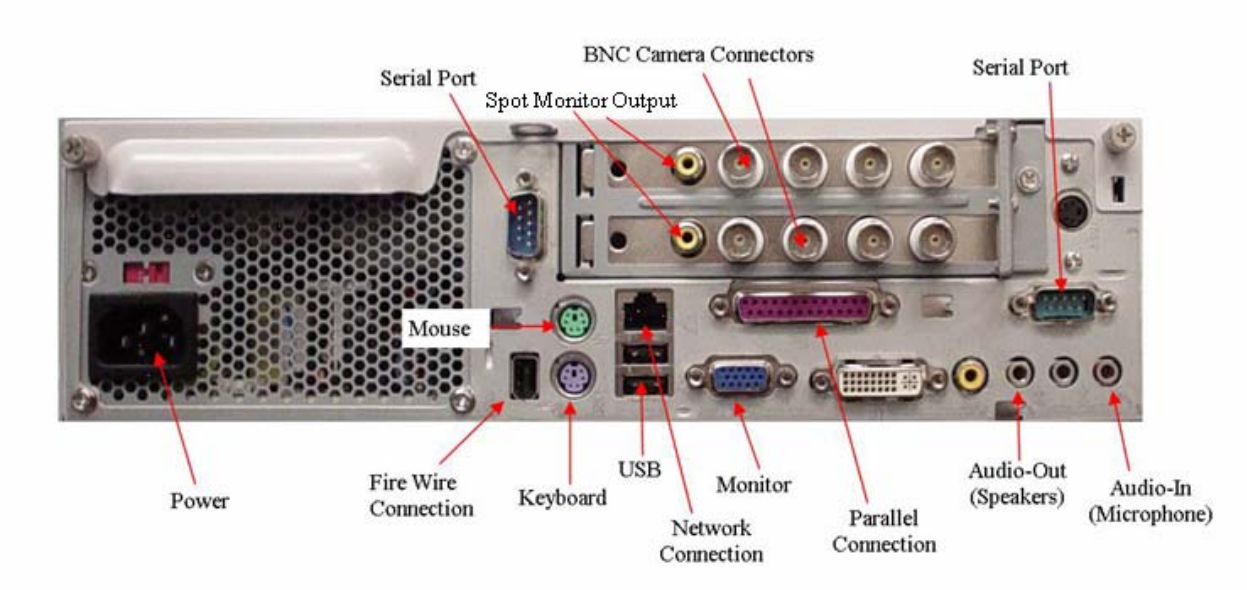
IMPORTANT: After installation is complete, verify that the system will recover automatically from a loss of power by manually pulling the power cord out of the unit while it is running. Wait 15 seconds for the unit's fans to stop spinning and for all current to dissipate. Re-insert the power cord into the unit. The unit should automatically power up and resume normal operations with all Remote Eyes cameras recording. If this power recovery test is not successful, please contact Odyssey Technical Support on (301) 291-6000 for assistance.

Note that Odyssey Technical Support is available from 9AM to 5PM M-F (normal business hours). Technical Support can be reached by phone on (301) 291-6000 or by email on support@remoteeyes.com.

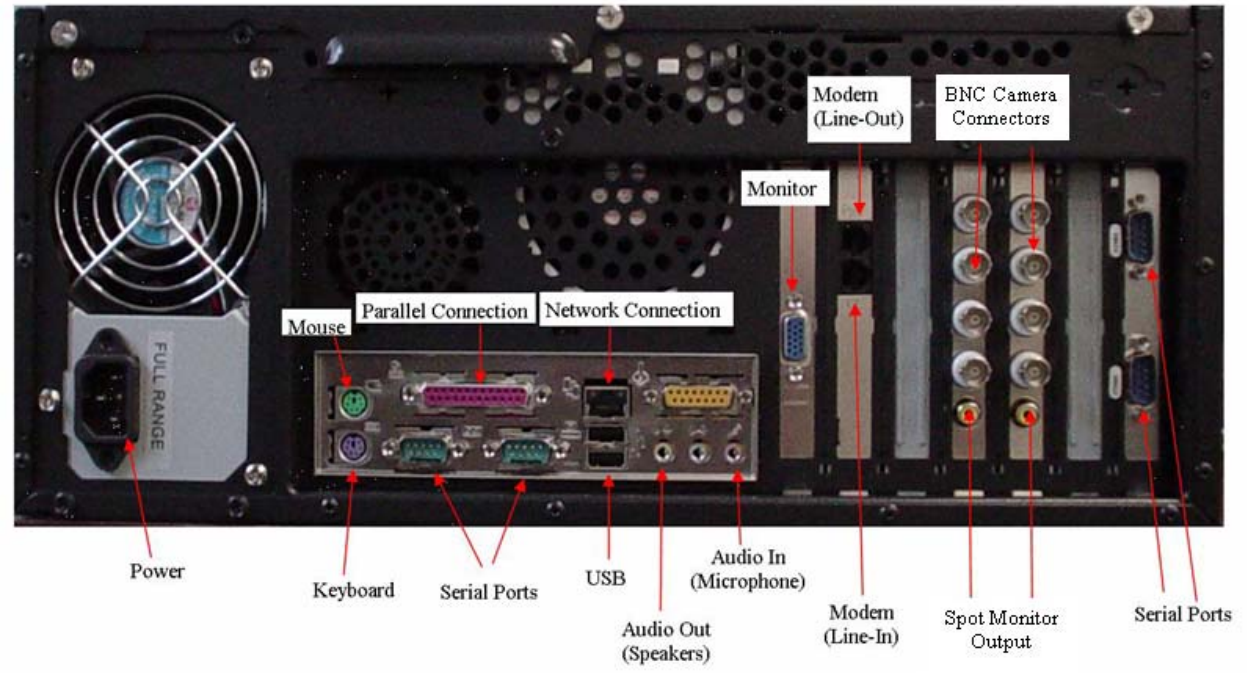
For more information on our product line, please visit us at www.remoteeyes.com.

Odyssey Technologies, Inc.
7526 Connelley Dr., Suite A, Hanover, MD 21076
Phone: 301-291-6000 Fax: 301-291-6001

Rear View of miniRES Server

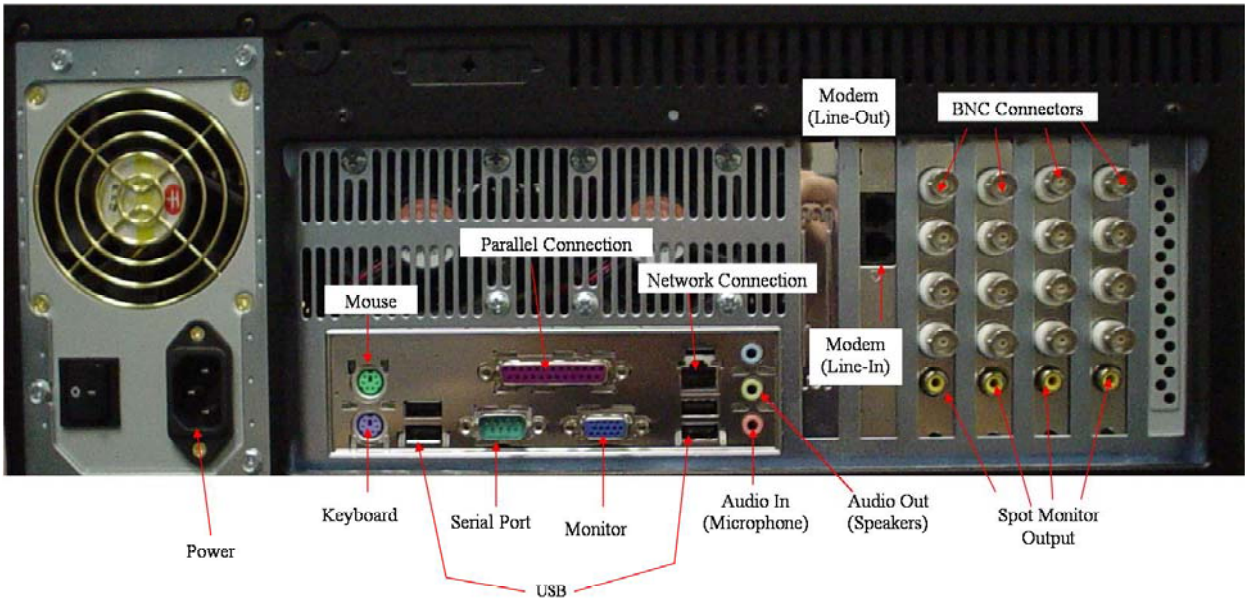


Rear View of RES04 or RES08



Odyssey Technologies, Inc.
7526 Connelley Dr., Suite A, Hanover, MD 21076
Phone: 301-291-6000 Fax: 301-291-6001

Rear View of RES12 or RES16



Camera Order Guide for All RES/REM 4&8 and RES12

Standard Remote Eyes Capture Card Order	Card Positions	HPO Remote Eyes Capture Card Order
	--Video Card--	
1	--Capture Card 1--	2
2	--Capture Card 2--	1
3	--Capture Card 3--	4
4	--Capture Card 4--	3

Camera Order Guide for RES/REM16 and REM12

Standard Remote Eyes Capture Card Order	Card Positions	HPO Remote Eyes Capture Card Order
	--Video Card--	
4	--Capture Card 1--	1
1	--Capture Card 2--	3
2	--Capture Card 3--	2
3	--Capture Card 4--	4

Odyssey Technologies, Inc.
7526 Connelley Dr., Suite A, Hanover, MD 21076
Phone: 301-291-6000 Fax: 301-291-6001